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In re application of: **B. Kermani**

Examiner: **M. Opsasnick**

Application No.: **09/483,762**

Group Art Unit: **2654**

Filed: **January 14, 2000**

Attorney Docket No.: **Kermani 35**  
(S&L File No. P23,390 USA)

For: **VOICE COMMAND REMOTE  
CONTROL SYSTEM**

Commissioner for Patents  
Washington, DC 20231

**DECLARATION UNDER 37 CFR §1.131**

Sir:

I, Brett T. Freeman, hereby declare as follows:

1. I am a citizen of the United States of America.

2. I am a patent attorney with the law firm of Synnestvedt & Lechner in Philadelphia and have been involved in the management of the preparation and filing of the above-identified patent application.

3. This declaration is to establish the exercising of diligence in constructive reduction to practice by filing of the subject matter now claimed in the above-identified patent application in the United States from a time subsequent to the conception and just prior to November 12, 1999.

4. In connection with the preparation of this Declaration, I have reviewed the entire file that is retained in our office for this application.

5. At a time prior to November 12, 1999 and subsequent to the conception of the invention by the present inventor, we received the disclosure materials attached to the Declaration of Bahram Kermani filed concurrently herewith from Lucent Technologies, along with instructions to prepare and file a patent application to cover the subject matter described in the disclosure materials.

6. After receiving the disclosure materials, I conducted numerous telephonic discussions with Mr. Bahram Kermani, the sole inventor of the instant invention, to discuss the invention in detail and to discuss the prior art.

7. On November 10, 1999, I forwarded a draft of the patent application to Mr. Kermani for review and comment. A copy of the claims and the figures prepared for this draft are attached hereto as Exhibit A.

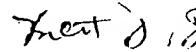
8. Between November 10, 1999 and January 14, 2000, I proceeded diligently and in the normal course of business to prepare a final version of the patent application for filing with the U.S. Patent Office. For example, during the aforementioned period: (1) I conducted multiple telephone conferences with Mr. Kermani to discuss the patent draft and his comments thereto; (2) I revised the application various times based on the comments of Mr. Kermani; (3) I submitted a draft for review to a Lucent managing attorney, Mark Kurisko, Esq.; (4) I incorporated the final comments of Mr. Kermani and Mr. Kurisko into the application; and (5) I secured authorization to file the application with the USPTO.

8. On January 14, 2000, the application was filed with the U.S. Patent and Trademark Office by Express Mail.

9. As the person signing below, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,

Date: July 26, 2002



Brett T. Freeman  
Registration No. 46,709

SYNNESTVEDT & LECHNER LLP  
Suite 2600 Aramark Tower  
1101 Market Street  
Philadelphia, PA 19107-2950  
Telephone: 215- 923-4466  
Facsimile: 215-923-2189

What is claimed is:

1. A voice command remote control system comprising:
  - a hand-held remote control device comprising:
    - a transducer that converts the sound of said voice command to an analog or digital voice signal; and
    - a transmitter that transmits said analog or digital voice signal to a first controlled device; and
    - a first controlled device comprising:
      - a recognition circuit that converts said analog or digital voice signal to digital pattern data and compares said digital pattern data with a plurality of sets of stored pattern data to recognize one of the sets of the stored pattern data as corresponding to the audio voice command.
2. The voice command remote control system of claim 1, further comprising a teaching unit that retrieves and reproduces stored voice command data.
3. The voice command remote control system of claim 1, further comprising a recorder that records said voice signal.
4. A voice command remote control system comprising:
  - a remote control device wherein the sound of said voice command is converted to an

analog or digital voice signal and transmitted to a first controlled device; and  
a first controlled device wherein said analog or digital voice signal is converted to  
digital pattern data and compared with a plurality of sets of stored digital pattern data to  
recognize one of the sets of the stored pattern data as corresponding to an audio voice  
command.

5. A method of controlling a controlled device from a remote location comprising  
the steps of:

- a. entering an audio voice command into a hand-held remote control device;
- b. converting said audio voice command to an analog or digital voice signal in said  
hand-held remote control device;
- c. transmitting said analog or digital voice signal from said hand-held remote  
control device to a first controlled device;
- d. converting said analog or digital voice signal into digital pattern data within said  
first controlled device; and
- e. comparing said digital pattern data with a plurality of sets of pattern data, stored  
within the first controlled device, to recognize one of the sets of the stored pattern data as  
corresponding to the audio voice command.

6. The method of claim 5, further comprising the step of recording the analog or  
digital voice signal within the remote control device.

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7. The method of claim 5, further comprising the step of programming the stored pattern data.

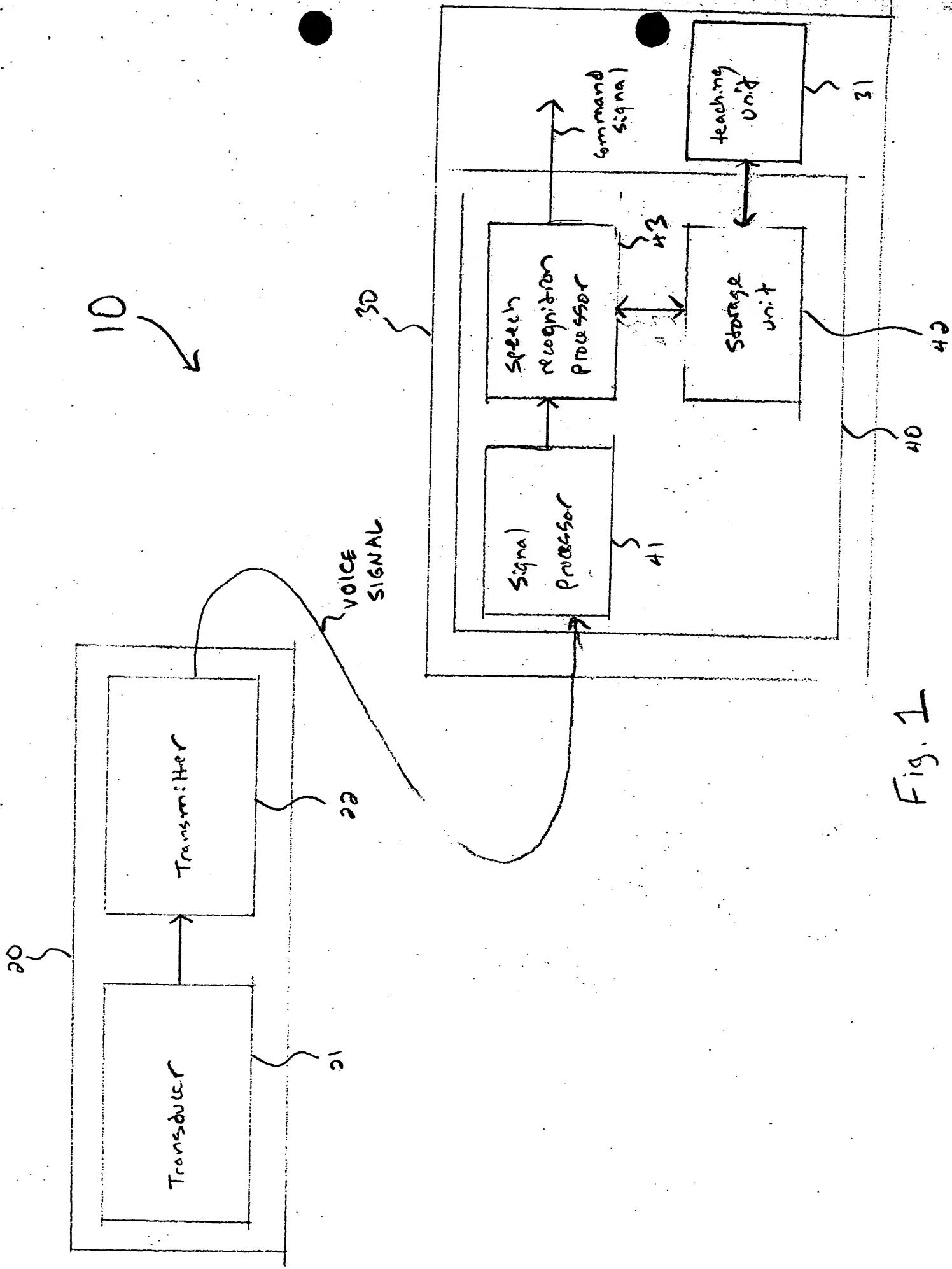


Fig. 1

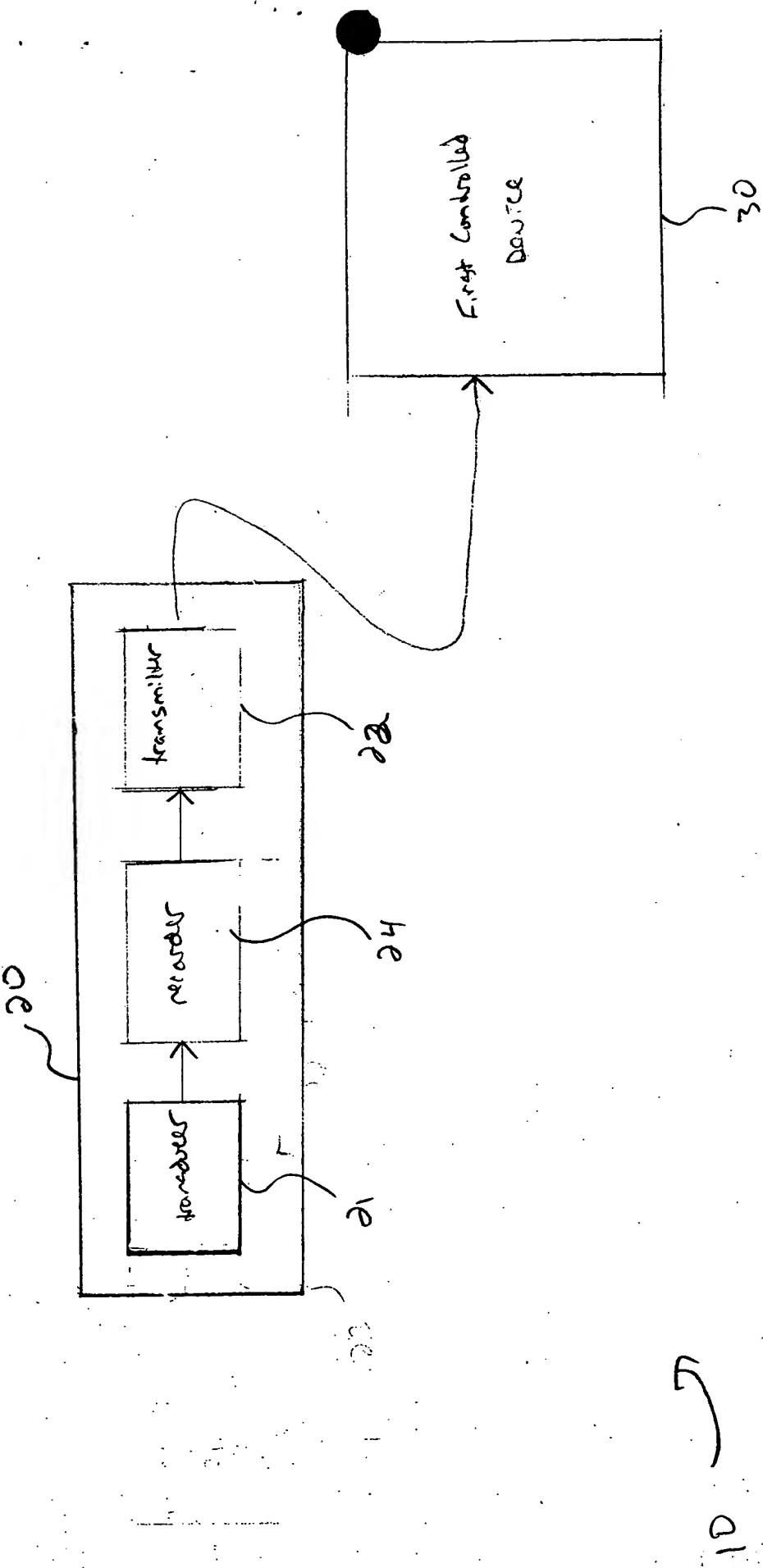


Fig. 2

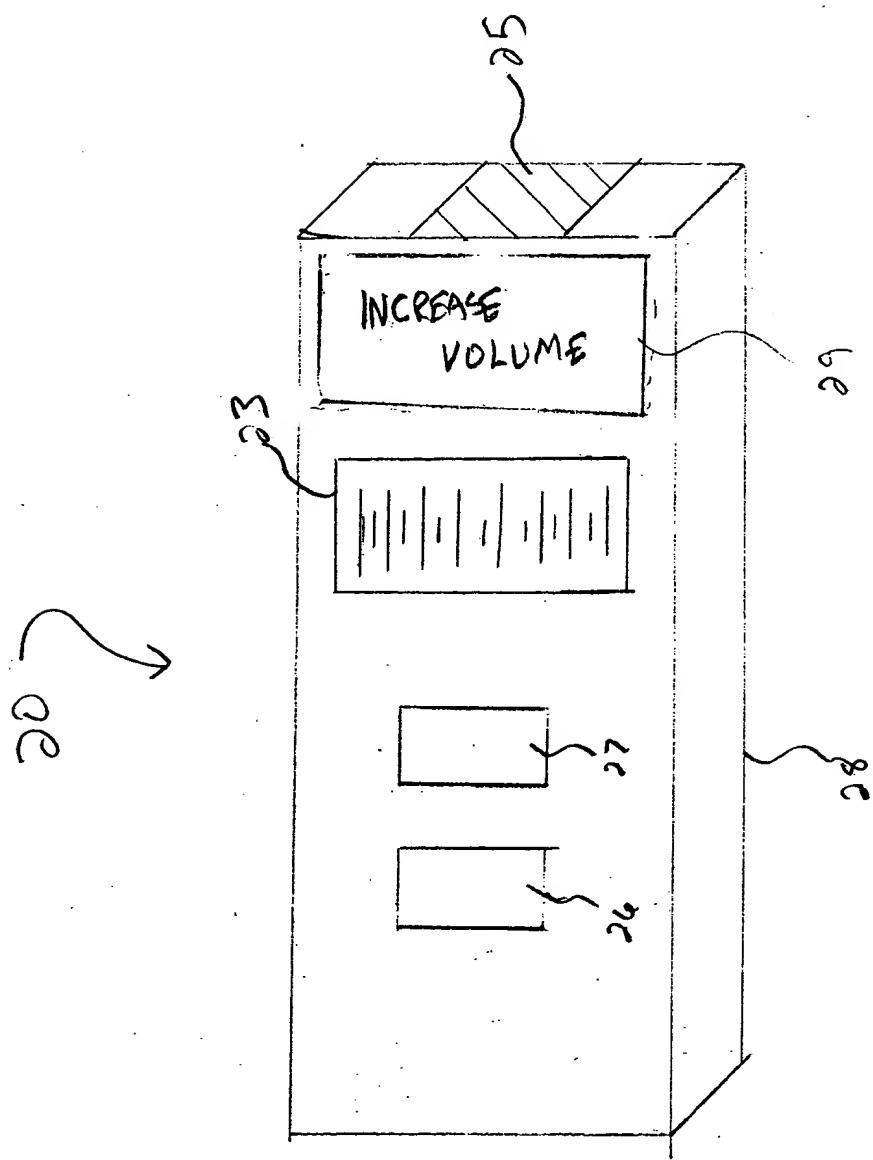


Fig. 3